

IN THE CLAIMS:

3-10. (Canceled)

11. (New) A method for joining a door sash with frame members of door components, said method comprising the steps of:

fitting a part of each of said frame members into a mold;

forming a bent end part at an end part of said door sash;

fitting said bent end part to a fitting groove provided within said mold, wherein said fitting groove has the same shape as said bent end part of said door sash, and a substantial portion of said bent end part is supported within said fitting groove; and

wrapping up the part of said frame members and said bent end part of said door sash in cast metal, wherein

the bent end part of said door sash does not contact the part of the frame members fitted in said mold, and wherein

said door sash and said frame members are made of aluminum alloy.

12. (New) A method for joining a door sash with frame members of door components, said method comprising the steps of:

fitting a part of each of said frame members into a mold;

forming a bent end part at an end part of said door sash;

fitting said bent end part to a fitting groove provided within said mold, wherein said fitting groove has the same shape as said bent end part of said door sash, and a substantial part of said bent end part is supported within said fitting groove;

pouring a molten metal into said mold and wrapping up the part of the frame members and the bent end part of said door sash, which are fitted in said mold;

solidifying said molten metal in said mold; and

removing said mold, leaving a cast joining member by which the bent end part of said door sash and each of the frame members are joined together, wherein

the bent end part of said door sash does not contact with the part of the frame members fitted in said mold, and wherein

said door sash and said frame members are made of aluminum alloy.